

Cedric-olivier Turrin

List of Publications by Year in descending order

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89
papers

4,286
citations

101496

36
h-index

114418

63
g-index

110
all docs

110
docs citations

110
times ranked

3401
citing authors

#	ARTICLE	IF	CITATIONS
1	Curing inflammatory diseases using phosphorous dendrimers. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1783.	3.3	6
2	Dendritic metal complexes for bioimaging. Recent advances. Coordination Chemistry Reviews, 2021, 430, 213739.	9.5	18
3	AB5 Derivatives of Cyclotriphosphazene for the Synthesis of Dendrons and Their Applications. Molecules, 2021, 26, 4017.	1.7	11
4	Supramolecular and Macromolecular Matrix Nanocarriers for Drug Delivery in Inflammation-Associated Skin Diseases. Pharmaceutics, 2020, 12, 1224.	2.0	3
5	An Anti-Inflammatory Poly(PhosphorHydrazone) Dendrimer Capped with AzaBisPhosphonate Groups to Treat Psoriasis. Biomolecules, 2020, 10, 949.	1.8	12
6	Ferrocenyl Phosphorhydrazone Dendrimers Synthesis, and Electrochemical and Catalytic Properties. Molecules, 2020, 25, 447.	1.7	7
7	Preparation and cytotoxicity of lipid nanocarriers containing a hydrophobic flavanone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 124982.	2.3	14
8	Biodistribution and Biosafety of a Poly(Phosphorhydrazone) Dendrimer, an Anti-Inflammatory Drug-Candidate. Biomolecules, 2019, 9, 475.	1.8	13
9	Three-Dimensional Directionality Is a Pivotal Structural Feature for the Bioactivity of Azabisphosphonate-Capped Poly(PhosphorHydrazone) Nanodrug Dendrimers. Biomacromolecules, 2018, 19, 712-720.	2.6	18
10	Solventless synthesis of Ru(0) composites stabilized with polyphosphorhydrazone (PPH) dendrons and their use in catalysis. RSC Advances, 2016, 6, 64557-64567.	1.7	15
11	Cyclotriphosphazene, an old compound applied to the synthesis of smart dendrimers with tailored properties. Pure and Applied Chemistry, 2016, 88, 919-929.	0.9	14
12	Poly(phosphorhydrazone) dendrimers: yin and yang of monocyte activation for human NK cell amplification applied to immunotherapy against multiple myeloma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2321-2330.	1.7	42
13	Influence of PPH dendrimers' surface functions on the activation of human monocytes: a study of their interactions with pure lipid model systems. Physical Chemistry Chemical Physics, 2016, 18, 21871-21880.	1.3	11
14	Coordination chemistry with phosphorus dendrimers. Applications as catalysts, for materials, and in biology. Coordination Chemistry Reviews, 2016, 308, 478-497.	9.5	85
15	Influence of Structural Parameters on the Self-Association Properties of Anti-HIV Cationic Dendrimers. ChemPhysChem, 2015, 16, 3433-3437.	1.0	5
16	Theoretical and experimental characterization of amino-PEG-phosphonate-terminated Polyphosphorhydrazone dendrimers: Influence of size and PEG capping on cytotoxicity profiles. Journal of Polymer Science Part A, 2015, 53, 761-774.	2.5	13
17	Use of a fluorescent aminodeoxylactitol to measure the stability of anti-HIV cationic dendrimers by spectrofluorimetry. Tetrahedron Letters, 2015, 56, 1566-1569.	0.7	7
18	Synthesis and characterization of bifunctional dendrimers: preliminary use for the coating of gold surfaces and the proliferation of human osteoblasts (HOB). New Journal of Chemistry, 2015, 39, 7194-7205.	1.4	22

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19	The key role of the scaffold on the efficiency of dendrimer nanodrugs. <i>Nature Communications</i> , 2015, 6, 7722.	5.8	133
20	Thiophosphate/Phosphonate-Containing Cross-Linked PEGs and Their Use for the Stabilization of Silver Nanoparticles. <i>Heteroatom Chemistry</i> , 2015, 26, 299-306.	0.4	0
21	Phosphorus-Based Dendrimer ABP Treats Neuroinflammation by Promoting IL-10-Producing CD4 ⁺ T Cells. <i>Biomacromolecules</i> , 2015, 16, 3425-3433.	2.6	48
22	Interaction studies reveal specific recognition of an anti-inflammatory polyphosphorhydrazone dendrimer by human monocytes. <i>Nanoscale</i> , 2015, 7, 17672-17684.	2.8	37
23	Deciphering Ligands TM Interaction with Cu and Cu ₂ O Nanocrystal Surfaces by NMR Solution Tools. <i>Chemistry - A European Journal</i> , 2015, 21, 1169-1178.	1.7	32
24	The dendritic effect illustrated with phosphorus dendrimers. <i>Chemical Society Reviews</i> , 2015, 44, 3890-3899.	18.7	118
25	Repeated intravenous injections in non-human primates demonstrate preclinical safety of an anti-inflammatory phosphorus-based dendrimer. <i>Nanotoxicology</i> , 2015, 9, 433-441.	1.6	34
26	Modulation of pro-inflammatory activation of monocytes and dendritic cells by aza-bis-phosphonate dendrimer as an experimental therapeutic agent. <i>Arthritis Research and Therapy</i> , 2014, 16, R98.	1.6	24
27	Dendrimers for drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4055-4066.	2.9	215
28	Diversified Strategies for the Synthesis of Bifunctional Dendrimeric Structures. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5414-5422.	1.2	20
29	PPH dendrimers grafted on silica nanoparticles: surface chemistry, characterization, silver colloids hosting and antibacterial activity. <i>RSC Advances</i> , 2013, 3, 19015.	1.7	19
30	Mannodendrimers prevent acute lung inflammation by inhibiting neutrophil recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8795-8800.	3.3	112
31	An Azabisphosphonate-Capped Poly(phosphorhydrazone) Dendrimer for the Treatment of Endotoxin-Induced Uveitis. <i>Molecules</i> , 2013, 18, 9305-9316.	1.7	30
32	Biological properties of water-soluble phosphorhydrazone dendrimers. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 33-44.	1.2	10
33	Frequency and route of administration in the treatment of experimental arthritis by phosphorus-based dendrimer. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A8.2-A8.	0.5	6
34	Application of the Kabachnik-Fields and Moedritzer-Irani Procedures for the Preparation of Bis(phosphonomethyl)amino- and Bis((dimethoxyphosphoryl)-methyl)amino-Terminated Poly(ethylene) Tj ETQq0 0.2 rgBT /Overlock 10		
35	Ligand effects on the air stability of coppernanoparticles obtained from organometallic synthesis. <i>Journal of Materials Chemistry</i> , 2012, 22, 2279-2285.	6.7	73
36	Synthesis and characterization of water-soluble ferrocene-dendrimers. <i>Journal of Organometallic Chemistry</i> , 2012, 718, 22-30.	0.8	14

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37	Low generation PEGylated phosphorus-containing dendrons with phosphonate anchors. <i>Tetrahedron Letters</i> , 2012, 53, 1908-1911.	0.7	6
38	Fluorescent Phosphorus Dendrimers and Their Role in Supramolecular Interactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 860-868.	0.8	2
39	A Phosphorus-Based Dendrimer Targets Inflammation and Osteoclastogenesis in Experimental Arthritis. <i>Science Translational Medicine</i> , 2011, 3, 81ra35.	5.8	207
40	Multivalent cationic GalCer analogs derived from first generation dendrimeric phosphonic acids. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 242-248.	1.4	38
41	Phosphorus dendrimers as viewed by ³¹ P NMR spectroscopy; synthesis and characterization. <i>Comptes Rendus Chimie</i> , 2010, 13, 1006-1027.	0.2	32
42	Designing dendrimers for ocular drug delivery. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 326-334.	2.6	149
43	R116: Immuno-modulations induites par des dendrimères phosphorés. <i>Bulletin Du Cancer</i> , 2010, 97, S60-S61.	0.6	0
44	Synthesis of a Fluorescent Cationic Phosphorus Dendrimer and Preliminary Biological Studies of Its Interaction with DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 155-167.	0.4	27
45	Biological properties of phosphorus dendrimers. <i>New Journal of Chemistry</i> , 2010, 34, 1512.	1.4	87
46	An efficient synthesis combining phosphorus dendrimers and 15-membered triolefinic azamacrocycles: towards the stabilization of platinum nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 547.	1.4	20
47	Anti-inflammatory and immunosuppressive activation of human monocytes by a bioactive dendrimer. <i>Journal of Leukocyte Biology</i> , 2009, 85, 553-562.	1.5	89
48	<i>gem</i> -Bisphosphonate-Ended Group Dendrimers: Design and Gadolinium Complexing Properties. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4290-4299.	1.2	12
49	Efficient synthesis of phosphorus-containing dendrimers capped with isosteric functions of amino-bismethylene phosphonic acids. <i>Tetrahedron Letters</i> , 2009, 50, 2078-2082.	0.7	34
50	Dendrimers ended by non-symmetrical azadiphosphonate groups: Synthesis and immunological properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3963-3966.	1.0	37
51	Regulatory activity of azabisphosphonate-capped dendrimers on human CD4 ⁺ T cell proliferation enhances ex-vivo expansion of NK cells from PBMCs for immunotherapy. <i>Journal of Translational Medicine</i> , 2009, 7, 82.	1.8	68
52	Dendrimers and nanomedicine: multivalency in action. <i>New Journal of Chemistry</i> , 2009, 33, 1809.	1.4	176
53	Phosphonate terminated PPH dendrimers: influence of pendant alkyl chains on the in vitro anti-HIV-1 properties. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3491.	1.5	40
54	Tailored Control and Optimisation of the Number of Phosphonic Acid Termini on Phosphorus-Containing Dendrimers for the Ex-vivo Activation of Human Monocytes. <i>Chemistry - A European Journal</i> , 2008, 14, 4836-4850.	1.7	102

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55	Dendrimers and DNA: Combinations of Two Special Topologies for Nanomaterials and Biology. <i>Chemistry - A European Journal</i> , 2008, 14, 7422-7432.	1.7	125
56	Optical Properties of Hybrid Dendritic Mesoporous Titania Nanocomposite Films. <i>Chemistry - A European Journal</i> , 2008, 14, 7658-7669.	1.7	45
57	Synthesis and Properties of Dendrimers Possessing the Same Fluorophore(s) Located Either Peripherally or Off-Center. <i>Journal of Organic Chemistry</i> , 2007, 72, 8707-8715.	1.7	65
58	Multiplication of Human Natural Killer Cells by Nanosized Phosphonate-Capped Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2523-2526.	7.2	138
59	Inside Cover: Multiplication of Human Natural Killer Cells by Nanosized Phosphonate-Capped Dendrimers (<i>Angew. Chem. Int. Ed.</i> 14/2007). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2334-2334.	7.2	0
60	New phosphorus dendrimers with chiral ferrocenyl phosphine-thioether ligands on the periphery for asymmetric catalysis. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1064-1073.	0.8	69
61	Decorating step-by-step and independently the surface and the core of dendrons. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1928-1939.	0.8	18
62	Synthesis and Application of Phosphorus Dendrimer Immobilized Azabis(oxazolines). <i>Organic Letters</i> , 2007, 9, 2895-2898.	2.4	84
63	Phosphorus dendritic architectures: polyanionic and polycationic derivatives. <i>Polymer International</i> , 2006, 55, 1155-1160.	1.6	18
64	First Example of Dendrons as Topological Amplifiers. <i>European Journal of Inorganic Chemistry</i> , 2006, 2556-2560.	1.0	10
65	Synthetic Pathways Towards Phosphorus Dendrimers and Dendritic Architectures. <i>Current Organic Chemistry</i> , 2006, 10, 2333-2355.	0.9	17
66	Design of phosphorylated dendritic architectures to promote human monocyte activation. <i>FASEB Journal</i> , 2006, 20, 2339-2351.	0.2	132
67	Phosphorus Dendrimers: Nano-objects for Nanosciences. <i>Macromolecular Symposia</i> , 2005, 229, 1-7.	0.4	4
68	Dendritic Catanionic Assemblies: In vitro Anti-HIV Activity of Phosphorus-Containing Dendrimers Bearing Gallium Analogs. <i>ChemBioChem</i> , 2005, 6, 2207-2213.	1.3	77
69	Organometallic Derivatives at the Core of Phosphorus-Containing Dendrimers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2881-2887.	0.6	26
70	Synthesis and Core and Surface Reactivity of Phosphorus-Based Dendrons. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2459-2466.	1.0	13
71	Does Charge Carrier Dimensionality Increase in Mixed-Valence Salts of Tetrathiafulvalene-Terminated Dendrimers?. <i>Organic Letters</i> , 2004, 6, 2109-2112.	2.4	22
72	Use of Functional Dendritic Macromolecules for the Design of Metal Oxo Based Hybrid Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 629-633.	1.1	26

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73	Surface, Core, and Structure Modifications of Phosphorus-Containing Dendrimers. Influence on the Thermal Stability.. ChemInform, 2003, 34, no.	0.1	0
74	Phosphorus dendrimers: from synthesis to applications. Comptes Rendus Chimie, 2003, 6, 791-801.	0.2	26
75	Surface, core, and structure modifications of phosphorus-containing dendrimers. Influence on the thermal stability. Tetrahedron, 2003, 59, 3965-3973.	1.0	45
76	Fluorinated dendrimers. Current Opinion in Colloid and Interface Science, 2003, 8, 282-295.	3.4	57
77	Phosphorus-Containing Dendrimers: Towards Applications. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1481-1484.	0.8	2
78	Behavior of an Optically Active Ferrocene Chiral Shell Located within Phosphorus-Containing Dendrimers. Organometallics, 2002, 21, 1891-1897.	1.1	57
79	Phosphorus-containing dendrimers bearing galactosylceramide analogs: Self-assembly properties Electronic supplementary information (ESI) available: experimental. See http://www.rsc.org/suppdata/cc/b2/b204287h/ . Chemical Communications, 2002, , 1864-1865.	2.2	48
80	New phosphorus-containing dendrimers with ferrocenyl units in each layer. Comptes Rendus Chimie, 2002, 5, 309-318.	0.2	20
81	New chiral phosphorus-containing dendrimers with ferrocenes on the periphery. Tetrahedron, 2001, 57, 2521-2536.	1.0	62
82	Naked Au ₅₅ Clusters: Dramatic Effect of a Thiol-Terminated Dendrimer. Chemistry - A European Journal, 2000, 6, 1693-1697.	1.7	27
83	New Mesotextured Hybrid Materials Made from Assemblies of Dendrimers and Titanium(IV)-Oxo-Organo Clusters. Angewandte Chemie - International Edition, 2000, 39, 4249-4254.	7.2	110
84	MALDI TOF Mass Spectrometry for the Characterization of Phosphorus-Containing Dendrimers. Scope and Limitations. Analytical Chemistry, 2000, 72, 5097-5105.	3.2	92
85	Phosphorus-Containing Dendrimers with Ferrocenyl Units at the Core, within the Branches, and on the Periphery. Macromolecules, 2000, 33, 7328-7336.	2.2	74
86	Organic-Inorganic Hybrid Materials Incorporating Phosphorus-Containing Dendrimers. Chemistry of Materials, 2000, 12, 3848-3856.	3.2	54
87	Naked Au ₅₅ Clusters: Dramatic Effect of a Thiol-Terminated Dendrimer. Chemistry - A European Journal, 2000, 6, 1693-1697.	1.7	75
88	CHEMISTRY WITHIN THE CASCADE STRUCTURE OF DENDRIMERS INCORPORATING P=N BONDS. Phosphorus Research Bulletin, 1999, 10, 777-781.	0.1	2
89	Chemistry within Megamolecules: A Regiospecific Functionalization after Construction of Phosphorus Dendrimers. Journal of the American Chemical Society, 1998, 120, 13070-13082.	6.6	78